

Engineering Interpretations

Building Site Development

Soil properties influence development of building sites, including the selection of the site, the design of the structure, construction, post construction performance, and maintenance. Soil limitation ratings of slight, moderate, and severe are given for shallow excavations, dwellings with and without basements, small commercial buildings, local roads and streets, and lawns, landscaping, and golf fairways.

Shallow Excavations

Shallow excavations are trenches or holes dug in the soil to a maximum depth of 5 or 6 feet. They are used for pipelines, sewer lines, telephone and power transmission lines, basements, open ditches, and cemeteries. The ratings are based on the soil properties that influence ease of digging and resistance to sloughing.

Dwellings With or Without Basements

These are single-family houses of three stories or less. The foundation is assumed to be spread footings of reinforced concrete built on undisturbed soil at a depth of 2 feet or the depth of maximum frost penetration, whichever is deeper, for houses without basements, or at a depth of 7 feet if a basement is constructed. The ratings are based on properties affecting soil strength and settlement under a load, and those that affect excavation and construction costs.

Small Commercial Buildings

Limitation ratings are given for the undisturbed soil on which small commercial buildings of less than three stories without basements are built. The foundation is assumed to be placed on spread footings of reinforced concrete at a depth of 2 feet or the depth of maximum frost penetration, whichever is deeper.

Local Roads and Streets

Limitation ratings are given for the use of soils for construction of improved local roads and streets that have all-weather surfacing, commonly of asphalt, gravel with binder in it, or concrete, and that are expected to carry automobile traffic all year. These roads and streets are graded to shed water, and conventional drainage measures are provided. With the probable exception of the hard surface, roads and streets are built mainly from the soil at hand.

Lawns, Landscaping, and Golf Fairways

The soils are rated for their use in establishing and maintaining turf for lawns and golf fairways and ornamental trees and shrubs for residential type landscaping. The ratings are based on the use of soil material at the location with some land smoothing. Irrigation may or may not be needed and is not a criterion in rating. Traps, trees, roughs, and greens are not considered as part of the golf fairway. The properties considered are those listed that affect plant growth and trafficability after vegetation is established.

This subsection includes:

- **(a) Building Site Development**

Perry County, Missouri: Detailed Soil Map Legend

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 1.00. The larger the value, the greater the potential limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Dwellings without basements		Dwellings with basements		Small commercial buildings		Local roads and streets		Lawns and landscaping	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1C: Menfro-----	Moderately limited ~shrink-swell (moderately limited)	0.45	Slightly limited ~shrink-swell (slightly limited)	0.25	Limited ~slope (limited) ~shrink-swell (moderately limited)	0.68 0.45	Moderately limited ~shrink-swell (moderately limited)	0.45	Not limited	
1D2: Menfro-----	Limited ~slope (limited) ~shrink-swell (moderately limited)	0.76 0.45	Limited ~slope (limited) ~shrink-swell (slightly limited)	0.76 0.25	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	1.00 0.45	Limited ~slope (limited) ~shrink-swell (moderately limited)	0.63 0.45	Limited ~slope (limited)	0.63
1E2: Menfro-----	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	1.00 0.45	Very limited ~slope (very limited) ~shrink-swell (slightly limited)	1.00 0.25	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	1.00 0.45	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	1.00 0.45	Very limited ~slope (very limited)	1.00
1F: Menfro-----	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	1.00 0.45	Very limited ~slope (very limited) ~shrink-swell (slightly limited)	1.00 0.25	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	1.00 0.45	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	1.00 0.45	Very limited ~slope (very limited)	1.00
2F: Clarksville----	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited) ~small stones (very limited) ~large stones (moderately limited)	1.00 1.00 0.39

Perry County, Missouri: Detailed Soil Map Legend

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 1.00. The larger the value, the greater the potential limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Dwellings without basements		Dwellings with basements		Small commercial buildings		Local roads and streets		Lawns and landscaping	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
2F: (cont) Menfro-----	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	1.00 0.45	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	1.00 0.32	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	1.00 0.45	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	1.00 0.45	Very limited ~slope (very limited)	1.00
3C: Menfro-----	Moderately limited ~shrink-swell (moderately limited)	0.45	Slightly limited ~shrink-swell (slightly limited)	0.05	Moderately limited ~slope (moderately limited) ~shrink-swell (moderately limited)	0.45 0.45	Moderately limited ~shrink-swell (moderately limited)	0.45	Not limited	
3D2: Menfro, ERODED-	Limited ~slope (limited) ~shrink-swell (moderately limited)	0.76 0.45	Limited ~slope (limited) ~shrink-swell (slightly limited)	0.76 0.05	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	1.00 0.45	Limited ~slope (limited) ~shrink-swell (moderately limited)	0.63 0.45	Limited ~slope (limited)	0.63
3E2: Menfro, ERODED-	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	1.00 0.45	Very limited ~slope (very limited) ~shrink-swell (slightly limited)	1.00 0.05	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	1.00 0.45	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	1.00 0.45	Very limited ~slope (very limited)	1.00
4D2: Menfro, ERODED-	Limited ~slope (limited) ~shrink-swell (moderately limited)	0.76 0.45	Limited ~slope (limited) ~shrink-swell (slightly limited)	0.76 0.15	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	1.00 0.45	Limited ~slope (limited) ~shrink-swell (moderately limited)	0.63 0.45	Limited ~slope (limited)	0.63

Perry County, Missouri: Detailed Soil Map Legend

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 1.00. The larger the value, the greater the potential limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Dwellings without basements		Dwellings with basements		Small commercial buildings		Local roads and streets		Lawns and landscaping	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
4D2: (cont) Bucklick, ERODED-----	Very limited		Very limited		Very limited		Very limited		Limited	
	~shrink-swell (very limited)	1.00	~shrink-swell (very limited)	1.00	~slope (very limited)	1.00	~shrink-swell (very limited)	1.00	~slope (limited)	0.63
	~slope (limited)	0.76	~slope (limited)	0.76	~shrink-swell (very limited)	1.00	~slope (limited)	0.63		
			~depth to bedrock (limited)	0.67						
4E: Menfro-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope (very limited)	1.00	~slope (very limited)	1.00	~slope (very limited)	1.00	~slope (very limited)	1.00	~slope (very limited)	1.00
	~shrink-swell (moderately limited)	0.45	~shrink-swell (slightly limited)	0.15	~shrink-swell (moderately limited)	0.45	~shrink-swell (moderately limited)	0.45		
Bucklick-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~shrink-swell (very limited)	1.00	~slope (very limited)	1.00	~slope (very limited)	1.00	~shrink-swell (very limited)	1.00	~slope (very limited)	1.00
	~slope (very limited)	1.00	~shrink-swell (very limited)	1.00	~shrink-swell (very limited)	1.00	~slope (very limited)	1.00		
			~depth to bedrock (limited)	0.67						
5C: Minnith-----	Moderately limited		Moderately limited		Limited		Moderately limited		Not limited	
	~shrink-swell (moderately limited)	0.45	~shrink-swell (moderately limited)	0.45	~slope (limited)	0.68	~shrink-swell (moderately limited)	0.45		
			~wetness (moderately limited)	0.35	~shrink-swell (moderately limited)	0.45				
7E2: Menfro, ERODED-	Limited		Limited		Very limited		Limited		Limited	
	~slope (limited)	0.83	~slope (limited)	0.83	~slope (very limited)	1.00	~slope (limited)	0.84	~slope (limited)	0.84
	~shrink-swell (moderately limited)	0.45	~shrink-swell (slightly limited)	0.29	~shrink-swell (moderately limited)	0.45	~shrink-swell (moderately limited)	0.45		

Perry County, Missouri: Detailed Soil Map Legend

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 1.00. The larger the value, the greater the potential limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Dwellings without basements		Dwellings with basements		Small commercial buildings		Local roads and streets		Lawns and landscaping	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
7E2: (cont) Caneyville, ERODED-----	Limited		Very limited		Very limited		Limited		Limited	
	~slope (limited)	0.83	~hard bedrock <40" (very limited)	1.00	~slope (very limited)	1.00	~slope (limited)	0.84	~slope (limited)	0.84
	~shrink-swell (moderately limited)	0.45	~slope (limited)	0.83	~shrink-swell (moderately limited)	0.45	~shrink-swell (moderately limited)	0.45	~depth to bedrock (slightly limited)	0.18
	~depth to bedrock (moderately limited)	0.33	~shrink-swell (moderately limited)	0.45	~depth to bedrock (moderately limited)	0.33	~depth to bedrock (moderately limited)	0.33		
8D2: Minnith, ERODED	Limited		Limited		Very limited		Limited		Limited	
	~slope (limited)	0.76	~slope (limited)	0.76	~slope (very limited)	1.00	~slope (limited)	0.63	~slope (limited)	0.63
	~shrink-swell (moderately limited)	0.45	~shrink-swell (moderately limited)	0.45	~shrink-swell (moderately limited)	0.45	~shrink-swell (moderately limited)	0.45		
			~wetness (moderately limited)	0.35						
Lily, ERODED---	Limited		Very limited		Very limited		Limited		Limited	
	~slope (limited)	0.91	~hard bedrock <40" (very limited)	1.00	~slope (very limited)	1.00	~slope (limited)	0.96	~slope (limited)	0.96
	~depth to bedrock (moderately limited)	0.47	~slope (limited)	0.91	~depth to bedrock (moderately limited)	0.47	~depth to bedrock (moderately limited)	0.47	~depth to bedrock (moderately limited)	0.35
									~too acid (slightly limited)	0.24
9C: Hildebrecht----	Moderately limited		Very limited		Limited		Moderately limited		Slightly limited	
	~wetness (moderately limited)	0.51	~wetness (very limited)	1.00	~slope (limited)	0.68	~shrink-swell (moderately limited)	0.45	~wetness (slightly limited)	0.13
	~shrink-swell (moderately limited)	0.45	~shrink-swell (slightly limited)	0.02	~shrink-swell (moderately limited)	0.45	~wetness (slightly limited)	0.13	~too acid (slightly limited)	0.12
					~wetness (slightly limited)	0.13				

Perry County, Missouri: Detailed Soil Map Legend

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 1.00. The larger the value, the greater the potential limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Dwellings without basements		Dwellings with basements		Small commercial buildings		Local roads and streets		Lawns and landscaping	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
9D: Hildebrecht----	Limited ~slope (limited)	0.76	Very limited ~wetness (very limited)	1.00	Very limited ~slope (very limited)	1.00	Limited ~slope (limited)	0.63	Limited ~slope (limited)	0.63
	~wetness (moderately limited)	0.51	~slope (limited)	0.76	~shrink-swell (moderately limited)	0.45	~shrink-swell (moderately limited)	0.45	~wetness (slightly limited)	0.13
	~shrink-swell (moderately limited)	0.45	~shrink-swell (slightly limited)	0.02	~wetness (slightly limited)	0.13	~wetness (slightly limited)	0.13	~too acid (slightly limited)	0.12
10F: Menfro-----	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00
	~shrink-swell (moderately limited)	0.45	~shrink-swell (slightly limited)	0.17	~shrink-swell (moderately limited)	0.45	~shrink-swell (moderately limited)	0.45		
Caneyville-----	Very limited ~slope (very limited)	1.00	Very limited ~hard bedrock <40" (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00
	~shrink-swell (moderately limited)	0.45	~slope (very limited)	1.00	~shrink-swell (moderately limited)	0.45	~shrink-swell (moderately limited)	0.45	~depth to bedrock (slightly limited)	0.12
	~depth to bedrock (slightly limited)	0.23	~shrink-swell (moderately limited)	0.45	~depth to bedrock (slightly limited)	0.23	~depth to bedrock (slightly limited)	0.23		
Rubble-----	Not rated		Not rated		Not rated		Not rated		Not rated	
11E: Goss-----	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00
	~shrink-swell (moderately limited)	0.45	~shrink-swell (slightly limited)	0.30	~shrink-swell (moderately limited)	0.45	~shrink-swell (moderately limited)	0.45	~droughty (slightly limited)	0.16
	~large stones (slightly limited)	0.09	~large stones (slightly limited)	0.09	~large stones (slightly limited)	0.09	~large stones (slightly limited)	0.09	~large stones (slightly limited)	0.01

Perry County, Missouri: Detailed Soil Map Legend

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 1.00. The larger the value, the greater the potential limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Dwellings without basements		Dwellings with basements		Small commercial buildings		Local roads and streets		Lawns and landscaping	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
12E: Lily-----	Very limited ~slope (very limited) ~depth to bedrock (moderately limited)	1.00 0.45	Very limited ~hard bedrock <40" (very limited) ~slope (very limited)	1.00 1.00	Very limited ~slope (very limited) ~depth to bedrock (moderately limited)	1.00 0.45	Very limited ~slope (very limited) ~depth to bedrock (moderately limited)	1.00 0.45	Very limited ~slope (very limited) ~depth to bedrock (slightly limited) ~too acid (slightly limited)	1.00 0.30 0.24
Minnith-----	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	1.00 0.45	Very limited ~slope (very limited) ~shrink-swell (moderately limited) ~wetness (moderately limited)	1.00 0.45 0.35	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	1.00 0.45	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	1.00 0.45	Very limited ~slope (very limited)	1.00
15E: Gasconade-----	Very limited ~hard bedrock <20" (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	1.00 1.00 0.45	Very limited ~hard bedrock <40" (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	1.00 1.00 0.45	Very limited ~hard bedrock <20" (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	1.00 1.00 0.45	Very limited ~hard bedrock <20" (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	1.00 1.00 0.45	Very limited ~shallow to bedrock (very limited) ~droughty (very limited) ~slope (very limited)	1.00 1.00 1.00
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	
18C: Weller-----	Very limited ~shrink-swell (very limited) ~wetness (slightly limited)	1.00 0.29	Very limited ~shrink-swell (very limited) ~wetness (limited)	1.00 0.95	Very limited ~shrink-swell (very limited) ~slope (limited)	1.00 0.68	Very limited ~shrink-swell (very limited)	1.00	Not limited	

Perry County, Missouri: Detailed Soil Map Legend

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 1.00. The larger the value, the greater the potential limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Dwellings without basements		Dwellings with basements		Small commercial buildings		Local roads and streets		Lawns and landscaping	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
19C: Weingarten-----	Moderately limited ~shrink-swell (moderately limited)	0.45	Slightly limited ~shrink-swell (slightly limited)	0.10	Limited ~slope (limited) ~shrink-swell (moderately limited)	0.68 0.45	Moderately limited ~shrink-swell (moderately limited)	0.45	Not limited	
19D: Weingarten-----	Limited ~slope (limited) ~shrink-swell (moderately limited)	0.76 0.45	Limited ~slope (limited) ~shrink-swell (slightly limited)	0.76 0.10	Very limited ~slope (very limited) ~shrink-swell (moderately limited)	1.00 0.45	Limited ~slope (limited) ~shrink-swell (moderately limited)	0.63 0.45	Limited ~slope (limited)	0.63
20: Wilbur, FREQUENTLY FLOODED-----	Very limited ~flooding (very limited) ~wetness (limited)	 1.00 0.77	Very limited ~flooding (very limited) ~wetness (very limited)	 1.00 1.00	Very limited ~flooding (very limited) ~wetness (moderately limited)	 1.00 0.43	Very limited ~flooding (very limited) ~wetness (moderately limited)	 1.00 0.43	Very limited ~flooding (very limited) ~wetness (moderately limited)	 1.00 0.43
21: Haymond, FREQUENTLY FLOODED-----	Very limited ~flooding (very limited)	 1.00	Very limited ~flooding (very limited)	 1.00	Very limited ~flooding (very limited)	 1.00	Very limited ~flooding (very limited)	 1.00	Very limited ~flooding (very limited)	 1.00
24A: Elsah, FREQUENTLY FLOODED-----	Very limited ~flooding (very limited)	 1.00	Very limited ~flooding (very limited)	 1.00	Very limited ~flooding (very limited)	 1.00	Very limited ~flooding (very limited)	 1.00	Very limited ~flooding (very limited)	 1.00

Perry County, Missouri: Detailed Soil Map Legend

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 1.00. The larger the value, the greater the potential limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Dwellings without basements		Dwellings with basements		Small commercial buildings		Local roads and streets		Lawns and landscaping	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
25A: Midco, FREQUENTLY FLOODED-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00
	~large stones (slightly limited)	0.01	~large stones (slightly limited)	0.01	~large stones (slightly limited)	0.01	~large stones (slightly limited)	0.01	~droughty (very limited)	1.00
									~small stones (moderately limited)	0.47
Riverwash-----	Not rated		Not rated		Not rated		Not rated		Not rated	
26A: Auxvasse, RARELY FLOODED	Very limited		Very limited		Very limited		Very limited		Limited	
	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~shrink-swell (very limited)	1.00	~wetness (limited)	0.60
	~shrink-swell (very limited)	1.00	~wetness (very limited)	1.00	~shrink-swell (very limited)	1.00	~flooding (rare) (limited)	0.90		
	~wetness (limited)	0.99	~shrink-swell (limited)	0.69	~wetness (limited)	0.60	~wetness (limited)	0.60		
27A: Ashton, RARELY FLOODED-----	Very limited		Very limited		Very limited		Limited		Not limited	
	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (rare) (limited)	0.90		

Perry County, Missouri: Detailed Soil Map Legend

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 1.00. The larger the value, the greater the potential limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Dwellings without basements		Dwellings with basements		Small commercial buildings		Local roads and streets		Lawns and landscaping	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
28A: Freeburg, RARELY FLOODED	Very limited		Very limited		Very limited		Limited		Slightly limited	
	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (rare) (limited)	0.90	~wetness (slightly limited)	0.13
	~wetness (moderately limited)	0.51	~wetness (very limited)	1.00	~shrink-swell (moderately limited)	0.45	~shrink-swell (moderately limited)	0.45		
	~shrink-swell (moderately limited)	0.45	~shrink-swell (moderately limited)	0.32	~wetness (slightly limited)	0.13	~wetness (slightly limited)	0.13		
29: Kickapoo, FREQUENTLY FLOODED-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00
32E: Gasconade-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~hard bedrock <20" (very limited)	1.00	~hard bedrock <40" (very limited)	1.00	~hard bedrock <20" (very limited)	1.00	~hard bedrock <20" (very limited)	1.00	~shallow to bedrock (very limited)	1.00
	~slope (very limited)	1.00	~slope (very limited)	1.00	~slope (very limited)	1.00	~slope (very limited)	1.00	~droughty (very limited)	1.00
	~shrink-swell (moderately limited)	0.45	~shrink-swell (moderately limited)	0.45	~shrink-swell (moderately limited)	0.45	~shrink-swell (moderately limited)	0.45	~slope (very limited)	1.00
Caneyville-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~slope (very limited)	1.00	~hard bedrock <40" (very limited)	1.00	~slope (very limited)	1.00	~slope (very limited)	1.00	~slope (very limited)	1.00
	~depth to bedrock (moderately limited)	0.51	~slope (very limited)	1.00	~depth to bedrock (moderately limited)	0.51	~depth to bedrock (moderately limited)	0.51	~depth to bedrock (moderately limited)	0.42
	~shrink-swell (moderately limited)	0.45	~shrink-swell (moderately limited)	0.45	~shrink-swell (moderately limited)	0.45	~shrink-swell (moderately limited)	0.45		

Perry County, Missouri: Detailed Soil Map Legend

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 1.00. The larger the value, the greater the potential limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Dwellings without basements		Dwellings with basements		Small commercial buildings		Local roads and streets		Lawns and landscaping	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
50: Darwin, RARELY FLOODED-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~ponded (very limited)	1.00	~ponded (very limited)	1.00	~ponded (wetness) (very limited)	1.00	~ponded (wetness) (very limited)	1.00	~ponded (wetness) (very limited)	1.00
	~shrink-swell (very limited)	1.00	~shrink-swell (very limited)	1.00	~flooding (very limited)	1.00	~shrink-swell (very limited)	1.00	~wetness (very limited)	1.00
	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~shrink-swell (very limited)	1.00	~wetness (very limited)	1.00	~too clayey (very limited)	1.00
52: Parkville, RARELY FLOODED	Very limited		Very limited		Very limited		Limited		Very limited	
	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (rare) (limited)	0.90	~too clayey (very limited)	1.00
	~wetness (limited)	0.99	~wetness (very limited)	1.00	~wetness (limited)	0.60	~wetness (limited)	0.60	~wetness (limited)	0.60
53: Leta, RARELY FLOODED-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~shrink-swell (very limited)	1.00	~too clayey (very limited)	1.00
	~shrink-swell (very limited)	1.00	~wetness (very limited)	1.00	~shrink-swell (very limited)	1.00	~flooding (rare) (limited)	0.90	~wetness (slightly limited)	0.28
	~wetness (moderately limited)	0.59	~shrink-swell (slightly limited)	0.19	~wetness (slightly limited)	0.28	~wetness (slightly limited)	0.28		
54: Waldron, RARELY FLOODED-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~shrink-swell (very limited)	1.00	~too clayey (very limited)	1.00
	~shrink-swell (very limited)	1.00	~shrink-swell (very limited)	1.00	~shrink-swell (very limited)	1.00	~flooding (rare) (limited)	0.90	~wetness (slightly limited)	0.28
	~wetness (moderately limited)	0.59	~wetness (very limited)	1.00	~wetness (slightly limited)	0.28	~wetness (slightly limited)	0.28		

Perry County, Missouri: Detailed Soil Map Legend

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 1.00. The larger the value, the greater the potential limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Dwellings without basements		Dwellings with basements		Small commercial buildings		Local roads and streets		Lawns and landscaping	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
55: Haynie, RARELY FLOODED-----	Very limited		Very limited		Very limited		Limited		Not limited	
	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (rare) (limited)	0.90		
58: Dupo, RARELY FLOODED-----	Very limited		Very limited		Very limited		Limited		Slightly limited	
	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (rare) (limited)	0.90	~wetness (slightly limited)	0.28
	~wetness (moderately limited)	0.59	~wetness (very limited)	1.00	~wetness (slightly limited)	0.28	~wetness (slightly limited)	0.28		
			~shrink-swell (limited)	0.71						
62A: Haynie, RARELY FLOODED-----	Very limited		Very limited		Very limited		Limited		Not limited	
	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (rare) (limited)	0.90		
Waldron, RARELY FLOODED-----	Very limited		Very limited		Very limited		Very limited		Very limited	
	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~flooding (very limited)	1.00	~shrink-swell (very limited)	1.00	~too clayey (very limited)	1.00
	~shrink-swell (very limited)	1.00	~shrink-swell (very limited)	1.00	~shrink-swell (very limited)	1.00	~flooding (rare) (limited)	0.90	~wetness (slightly limited)	0.28
	~wetness (moderately limited)	0.59	~wetness (very limited)	1.00	~wetness (slightly limited)	0.28	~wetness (slightly limited)	0.28		
65: Orthents-----	Moderately limited		Moderately limited		Moderately limited		Moderately limited		Not Rated	
	~shrink-swell (moderately limited)	0.45	~shrink-swell (moderately limited)	0.45	~shrink-swell (moderately limited)	0.45	~shrink-swell (moderately limited)	0.45	Not Rated	
Water-----	Not rated		Not rated		Not rated		Not rated		Not rated	

Perry County, Missouri: Detailed Soil Map Legend

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 1.00. The larger the value, the greater the potential limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Dwellings without basements		Dwellings with basements		Small commercial buildings		Local roads and streets		Lawns and landscaping	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
66: Pits-----	Not rated		Not rated		Not rated		Not rated		Not rated	
AED: Orthent-----	Not rated		Not rated		Not rated		Not rated		Not rated	
W: Water-----	Not rated		Not rated		Not rated		Not rated		Not rated	